



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## BIB DATA SHEET

CONFIRMATION NO. 4013

<b>SERIAL NUMBER</b> 10/643,215	<b>FILING or 371(c) DATE</b> 08/18/2003 <b>RULE</b>	<b>CLASS</b> 455	<b>GROUP ART UNIT</b> 2611	<b>ATTORNEY DOCKET NO.</b> 070915/QUALP693US		
<b>APPLICANTS</b> Vincent K. Jones, Redwood City, CA; Partho Mishra, Cupertino, CA; Greg Raleigh, Woodside, CA;						
<b>** CONTINUING DATA *****</b> <b>** FOREIGN APPLICATIONS *****</b> <b>** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY **</b> 11/15/2003						
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and Acknowledged <u>Examiner's Signature</u>		<input type="checkbox"/> Met after Allowance <u>Initials</u>	<b>STATE OR COUNTRY</b> CA	<b>SHEETS DRAWINGS</b> 3	<b>TOTAL CLAIMS</b> 13	<b>INDEPENDENT CLAIMS</b> 5
<b>ADDRESS</b> Amin, Turocy & Calvin LLP 1900 E. 9th Street 24th Floor, National City Center Cleveland, OH 44114 UNITED STATES						
<b>TITLE</b> ASYMMETRIC WIRELESS PROTOCOL COMMUNICATIONS WHEREIN UPSTREAM TRAFFIC USES ONE PROTOCOL AND DOWNSTREAM TRAFFIC USES A DIFFERENT PROTOCOL						
<b>FILING FEE RECEIVED</b> 1336	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		